

Thank you for purchasing the
Sweet Sound Electronics, Inc.

Mojo Vibe

The absolute final word in vintage
Uni-Vibe type pedals!

Instruction manual



Rear Panel Jacks

1. **Output** – Output to amp or other effects in the chain.
2. **Input** – Input from instrument, or output from previous effect.
3. **Power input** – 2.1 mm barrel type connector center negative polarity 9 volts DC. **Absolutely do not use more than 9.6 volts DC.** There is no advantage in trying to use a higher voltage and it will damage the Mojo Vibe. The 9 volts DC is converted to 18 volts internally and is optimized for the high performance of the Mojo Vibe.
4. **Pedal input** – This used for an optional speed pedal controller. Either one of the many expression type pedals from Roland, Ensoniq, MPM, Proel and others or with the use of a channel insert cable (as used in mixing consoles) you can use just about any passive type volume pedal. **More on this later...**



Controls and Switches

5. **Volume Control** – Used to either match the effect output with the unaffected bypassed signal. Or to add a slight boost to the affected signal.
6. **Chorus/Vibrato Switch** – Selects between the classic Uni-Vibe chorus sound or vibrato.
7. **Intensity Control** – Controls the depth or the amount of the chorus or vibrato effect.
8. **Bypass Switch** – Switches the effect in and out. The Mojo Vibe IS true bypass. Meaning that when the effect is switched off it, the input signal hardwired directly to the output jack. For the most transparent bypass available.
9. **LED Indicator** – When the effect is engaged the Led will light and also pulse to the speed set by the speed control (#10). When off the effect is bypassed.
10. **Speed Control** – This controls the speed of the sweep in the Mojo Vibe. From slow rolling phase to watery bubbling “Leslie” type sound. The large oversized knob is used in an attempt to make it easier for those who do not wish to use the option of a pedal controller, to adjust it with their foot. This knob when a control pedal is used, so you have control over the total speed range. is totally bypassed



Internal Switchable FET Buffer

The Mojo Vibe contains an active, internally switchable Field Effect Transistor input buffer. Most available “Vibes” that offer a “vintage” and “modern” input switch use a input resistor switching circuit for this purpose. The Mojo Vibe differs in that it uses an active FET buffer to not only change the input impedance but also buffers the input from the rest of the circuitry for more clarity and high end response. The reason the switch is internal as

opposed to mounted on the case is because it produces a loud “pop” when switched and also to save panel space. More than likely it will be a “set and forget” setting, so this should not pose a problem.

It is best to remove power to the Mojo Vibe before switching the buffer mode. At least turn the amp down, because it WILL pop. You can use your finger nail or a ball point pen to switch the dip switch. The modern setting will allow more high’s to pass through the Mojo Vibe, which will produce a brighter sound. The vintage setting is more like the warm sound of the original 60’s Uni-Vibe.

Figure 1 shows the internal dip switch that is used to switch between the different modes. (switch style may vary)

Figure 2 shows the settings for the different modes

The Mojo Vibe is shipped in the vintage mode.

Using a passive volume pedal as a speed controller

Figure 3 shows the cable type that is used when using a standard “passive” type volume pedal. You can construct these cables yourself or buy one of the many brands available for use in channel inserts with mixing consoles. A few quality cable brands are the Proco YP series and the Hosa STP-200 series. They are readily available at music stores that carry mixing consoles or recording equipment. Or many of the online music stores.

Fig.1

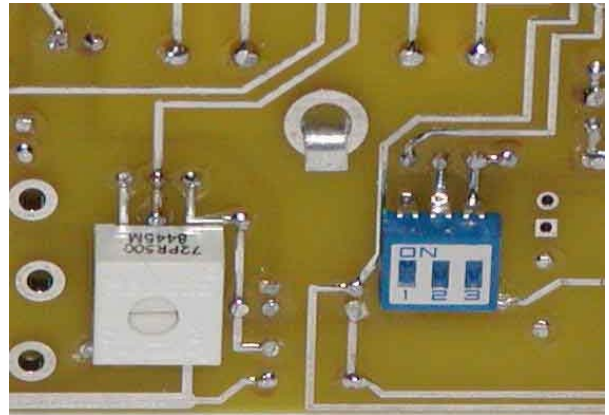
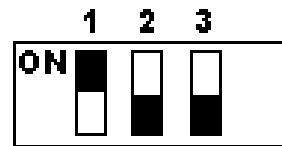
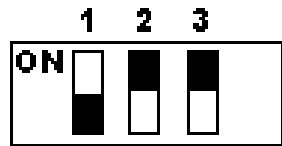


Fig. 2

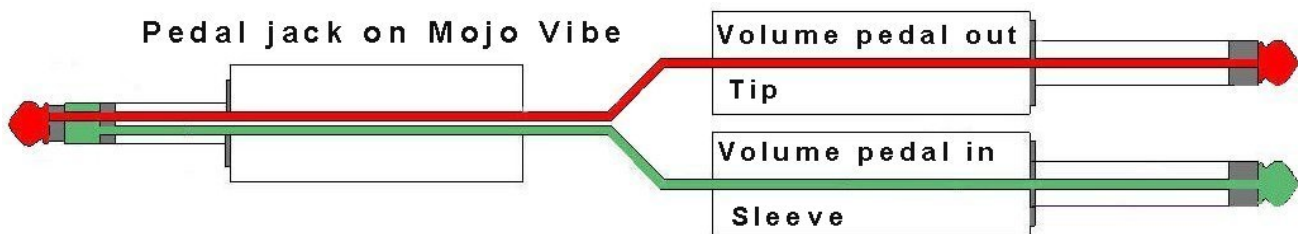


Vintage



Modern

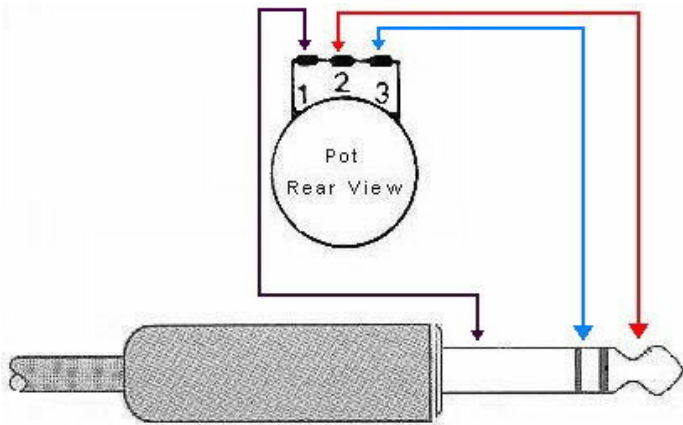
Fig. 3



Using an expression pedal as a speed controller

Figure 4 shows the use of an expression pedal like the ones used with keyboards. This is the easiest method to use because of the single cable used for connection. There are many brands available that will work satisfactorily. Try to look for a model that has impedance of 100 K. But others will work fine also. Keep in mind that the external speed control option is for effect. Not exact speed control.

Fig. 4



Specifications

Dimensions – 4.660 wide x 4.230 deep

Rear height 2.109

Front height 1.848

All measurements in inches

Weight - 10 oz.

Input Impedance – Vintage mode 60 kil ohm
Modern mode 1 meg ohm

Current consumption – 20 – 50 ma. Max.

Case material -.080 Aluminum

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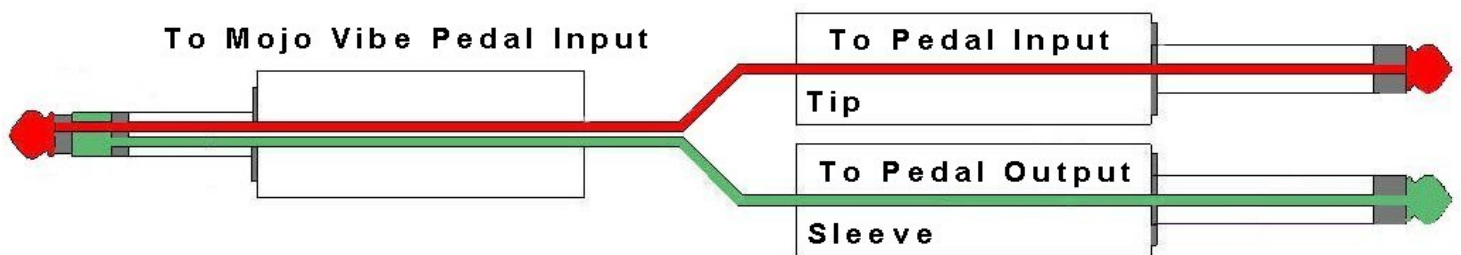
1-954-971-7334

Serial numbers 001 – 038 were inadvertently sent out wired to use a Yamaha/ Korg expression pedal. Which is not industry standard wiring.

Using a passive volume pedal as a speed controller

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Figure 5 shows the wiring scheme of the pedal jack viewed from the rear of the jack.

Fig. 4

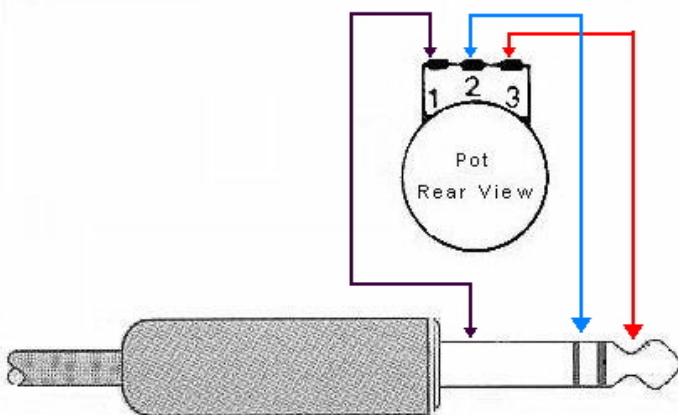
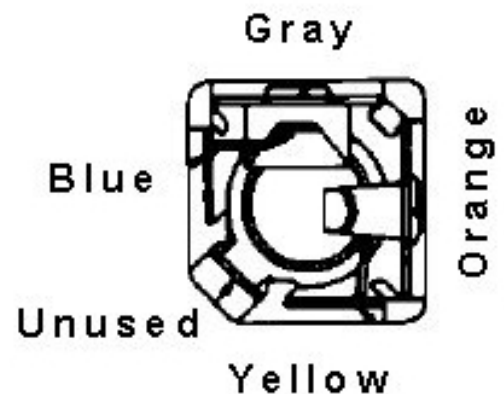


Fig. 5



Serial numbers from 039 on up, will be wired in the more standard configuration as Roland and many other brands of expression pedals.

Figure 6 shows the hook up for a standard passive volume pedal with the standardized wiring. Note the only major difference here is the mono 1/4" plugs are reversed.

Fig. 6

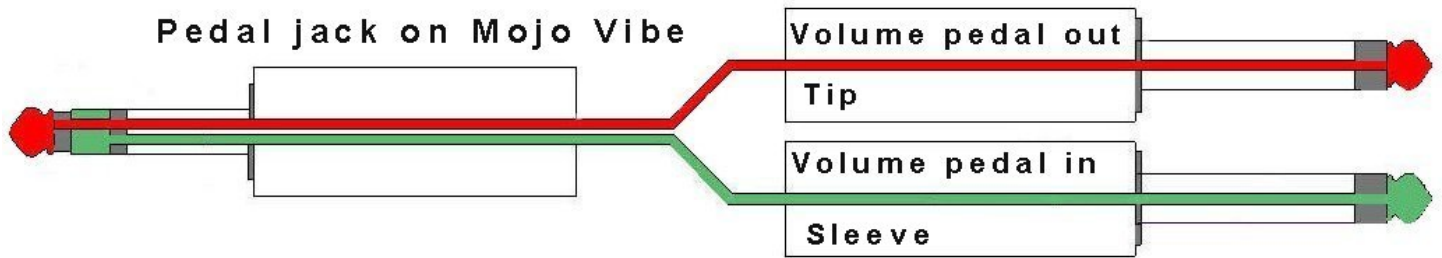


Figure 7 shows the standard wiring for an expression pedal as used with Roland and Boss products. Figure 8 shows the standard wiring for the speed pedal jack on the Mojo Vibe as viewed from the rear of the jack. (Serial #039 and up) This jack is a Switchcraft 114B switch.

Fig. 7

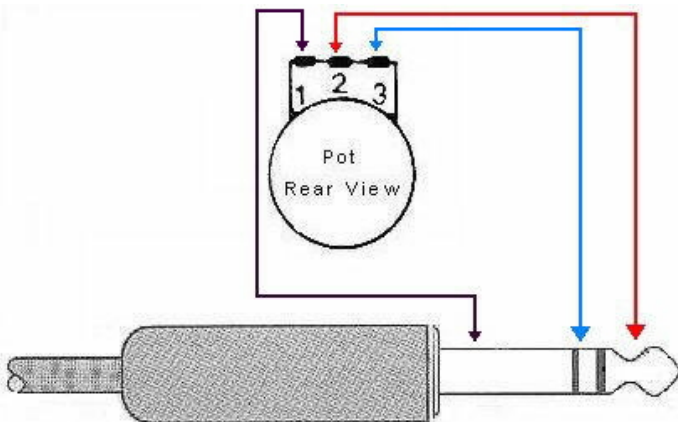
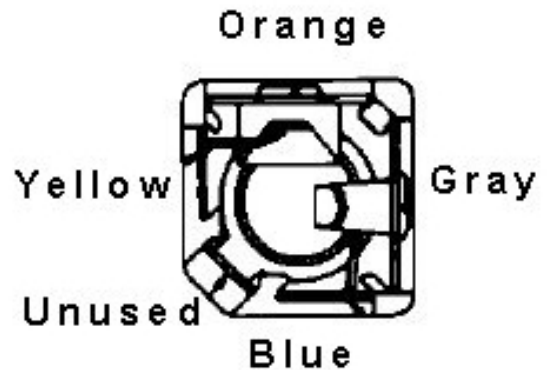


Fig. 8



If all this is too confusing and you would like me to rewire the pedal jack for you, I would be more than happy to do that for you. Contact me at 954-971-7334 or at b0bsweet@bellsouth.net to arrange this. (that is an "zero" in my email name, not an "oh" like it looks).

Sorry for any inconvenience this may have caused.